

Datasheet of IoT-based devices for cost-analysis

IoT based device	Cost (USD)
SENSOR	
MPU6050	3.6
ADXL345	4.8
ADXL335	15.6
AX-3DS	300
Piezoelectric Type Accelerometer	400
Accelerometer Model X2-2	475
MICROCONTROLLER	
Raspberry Pi 4 Model	230
Arduino UNO R3	60
LAFVIN NANO V3	30
ESP32	25
NODE MCU ESP8266	24
MEGA2560_BOARD	20
ATTINY85 USB	6
REES52 W1209 12V	6